

IN THE CLAIMS

Please amend the following claims:

Sub C
1. (twice amended) A hearing aid with a microphone system (1) and a subsequent analog/digital converter (5), wherein the microphone system (1) is encapsulated in an electromagnetic shielding case (3) and the analog/digital converter (5) is mounted on the electromagnetic shielding case (3).

Sub C
2
3
4
Sub C
1. (twice amended) The hearing aid as claimed in claim 1, wherein the analog/digital converter (5) is encapsulated in a converter shielding case (7a, 7b) which is set to the electrical potential of the electromagnetic shielding case (3) of the microphone system.

Sub E 1
2
3
4
5
6
7
B2
1. (twice amended) The hearing aid as claimed in claim 1, wherein said analog/digital converter comprises first and second analog inputs (E_1, E_2), said first analog input (E_1) having a first input impedance (Z_1) and a first input gain (G_1), said second analog input (E_2) having a second input impedance (Z_2) and a second input gain (G_2), and wherein either said first and second input impedances (Z_1, Z_2) are different from one another or said first and second input gains (G_1, G_2) are different from one another.

Sub E 1
2
3
4
5
6
7
B3
1. (amended) The hearing aid as claimed in claim 2, wherein said analog/digital converter comprises first and second analog inputs (E_1, E_2), said first analog input (E_1) having a first input impedance (Z_1) and a first input gain (G_1), said second analog input (E_2) having a second input impedance (Z_2) and a second input gain (G_2), and wherein either said first and second input impedances (Z_1, Z_2) are different from one another or said first and second input gains (G_1, G_2) are different from one another.

1
2
1. (amended) The hearing aid as claimed in claim 3, wherein said analog/digital converter comprises first and second analog inputs (E_1, E_2), said first

3 analog input (E_1) having a first input impedance (Z_1) and a first input gain (G_1), said
4 second analog input (E_2) having a second input impedance (Z_2) and a second input
5 gain (G_2), and wherein either said first and second input impedances (Z_1, Z_2) are
6 different from one another or said first and second input gains (G_1, G_2) are different
7 from one another.